

AMENDMENTS TO THE CLAIMS:

Please cancel Claims 2, 7, 8, 10, 15, and 16 without prejudice to or disclaimer of the subject matter recited thereon.

Please amend Claims 1, 9, and 17 to read as follows:

1. (Currently Amended) An image sensing apparatus comprising:
a noise reduction device that, utilizing time correlation of sensed images, reduces noise added to the sensed images; ~~by an internal apparatus factor;~~
a zoom controller that controls a zoom magnification factor of the image sensing apparatus;
a determination device that determines whether said zoom controller is executing a zoom operation; and
a setting device that sets a control value for time correlation in said noise reduction device in accordance with a determination by said determination device;
an optical zoom device that performs optical zooming of an image of an object;
and
an electronic zoom device that performs processing of the image of the object,
wherein said zoom controller controls said optical zoom device for optically zooming the image of the object and said electronic zoom device for electronically processing the image of the object, and
wherein said electronic zoom device executes a zoom operation for an image in which noise has been reduced by said noise reduction device, and said setting device sets the control value to a control value providing a lower noise reduction amount than a noise reduction amount to be used when said electronic zoom device executes the zoom operation, when it is determined that said optical zoom device executes the zoom operation.

2. (Cancelled)

3. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device sets the control value for said noise reduction device in accordance with a magnification factor per unit time used by said zoom controller.

4. (Previously Presented) The image sensing apparatus according to claim 1, further comprising an exposure control device that controls an exposure of the picked-up image, wherein said setting device changes the control value for said noise reduction device in accordance with a control value for said exposure control device.

5. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device stepwise changes the control value for said noise reduction device when a zoom operation switches from an execution state to a stop state.

6. (Previously Presented) The image sensing apparatus according to claim 1, wherein said setting device stepwise changes the control value for said noise reduction device when a zoom operation switches from a stop state to an execution state.

7. (Cancelled)

8. (Cancelled)

9. (Currently Amended) An image sensing method for an image sensing apparatus, comprising the steps of:

reducing noise added ~~by an internal apparatus factor~~ to a sensed image,
utilizing time correlation of sensed images;
controlling a zoom magnification factor of the image sensing apparatus;
optically zooming an image of an object, wherein said controlling step controls
optically zooming the image of the object;
electronically zooming an image of the object, wherein said controlling step
controls electronically processing the image of the object in said electronically zooming step;
determining whether a zoom operation is being executed in said ~~zoom control~~
controlling step; and
setting a control value for time correlation in said noise reduction step in
accordance with a determination in said determining step,
wherein said electronically zooming step executes the zoom operation for an
image in which noise has been reduced in said noise reducing step, and said setting step sets the
control value to a control value providing a lower noise reduction amount than a noise reduction
amount to be used when said electronically zooming step executes a zoom operation, when it is
determined that an optical zoom operation is being executed.

10. (Cancelled)

11. (Original) The method according to claim 9, wherein said setting step sets the control value for said noise reduction step in accordance with a magnification factor per unit time used at said zoom control step.

12. (Original) The method according to claim 9, further comprising a step of controlling an exposure of the picked-up image, wherein said setting step changes the control

value for said noise reduction step in accordance with a control value for said exposure control step.

13. (Previously Presented) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches from an execution state to a stop state.

14. (Previously Presented) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches from a stop state to an execution state.

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) A storage medium storing a program for executing an image sensing method for an image sensing apparatus, said method comprising the steps of:

reducing noise added ~~by an internal apparatus factor~~ to a sensed image,
utilizing time correlation of sensed images;

controlling a zoom magnification factor of the image sensing apparatus;

optically zooming an image of an object, wherein said controlling step controls
optically zooming the image of the object;

electronically zooming an image of the object, wherein said controlling step
controls electronically processing the image of the object in said electronically zooming step;

determining whether a zoom operation is being executed in said ~~zoom~~
~~magnification factor~~ controlling step; and

setting a control value for time correlation in said noise reduction step in
accordance with a determination in said determining step,

wherein said electronically zooming step executes a zoom operation for an
image in which noise has been reduced in said noise reducing step, and said setting step sets the
control value to a control value providing a lower noise reduction amount than a noise reduction
amount to be used when said electronically zooming step executes the zoom operation, when it is
determined that an optical zoom operation is being executed.